

**Paper and Pencil  
Test Administration Manual  
Delaware Comprehensive  
Assessment System (DCAS) for  
Science, Social Studies, and End-of-  
Course (EOCs)**

**2015–2016**

**Delaware Department of Education**  
Office of Assessment  
35 Commerce Way  
John W. Collette Education Resource Center  
Dover, DE 19904

**American Institutes for Research**  
1000 Thomas Jefferson Street, NW  
Washington, DC 20007

If you have any questions regarding the *Paper and Pencil Test Administration Manual*, *Delaware Comprehensive Assessment System (DCAS) for Science, Social Studies, and End-of-Course (EOCs)* please contact the Delaware Department of Education, Office of Assessment, at (302) 857-3391.

For questions or additional assistance regarding the online testing system, please contact the DeSSA Help Desk at the American Institutes for Research (AIR).

### **Important Contact Numbers**

|   |                |
|---|----------------|
| DeSSA Help Desk   | (877) 560-8331 |
| DCAS-Alt1 Help Desk   | (877) 206-7039 |
| Delaware Department of<br>Education Office of<br>Assessment | (302) 857-3391 |

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## 1.0 Delaware Comprehensive Assessment System (DCAS) User Support

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The Delaware System of Student Assessments (DeSSA) Portal at <http://de.portal.airast.org/> is the home for all assessment administration information. Manuals, brochures, and information are available on the portal. DeSSA news and announcements will be posted on the [DeSSA Portal](#).

This *DCAS Paper and Pencil Test Administration Manual (TAM)* provides needed information regarding policies and procedures for the paper DCAS Science, Social Studies and End-of-Course US History, Algebra II and Integrated Mathematics III assessments.

Testers with Braille accommodations will still be tested using paper tests. These testers are addressed in the *Braille Test Administration Manual for DCAS and EOC Assessments*. Additional users' guides, located at <http://de.portal.airast.org/>, contain screenshots and step-by-step instructions on how to use the DCAS assessments.

For questions regarding the online testing system or for additional assistance, contact the DeSSA Help Desk at the American Institutes for Research (AIR). The Help Desk is open **Monday through Friday from 6:30 a.m. to 6:30 p.m. eastern time**. During these hours, staff will respond promptly to calls.

When contacting the Help Desk, provide the representative with as much detail as possible about the issue(s) encountered and the system on which it occurred. The following information should be provided when reporting any incidents or issues:

- Type of device being used for the test;
- Any error messages that appeared (code and description);
- Operating system and browser information;
- Network configuration information;
- Your contact information for follow-up, including email address and phone number; and
- Any relevant and authorized student and school information, including statewide student identifier (SSID), grade level, content area, and name of test.

The Help Desk may be contacted for situations and questions as described in Table 1.1.

### 1.1. Contact Information

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The Help Desk is open Monday through Friday from 6:30 a.m. to 6:30 p.m. eastern time. During these hours, staff will respond promptly to calls.

**Important Contact Numbers**

|                                  |                |
|----------------------------------|----------------|
| DeSSA Help Desk                  | (877) 560-8331 |
| DCAS-Alt1 Help Desk              | (877) 206-7039 |
| Delaware Department of Education | (302) 857-3391 |

**Table 1-1: Help Desk Matrix**

| Issue  | DeSSA Help Desk | Office of the School or District Test Coordinator | DDOE – Office of Assessment |
|--|-----------------|---|-----------------------------|
| Testing environment is down or unavailable   | X               |   |                             |
| User accounts are not available or users are not able to administer tests                    | X               |   | X                           |
| Student(s) or student information is incorrect or missing                                    |                 |   | X                           |
| Preparing for online testing—downloading the secure browser, voice packs, etc.               | X               |   |                             |
| Tests showing available to students  | X               |   |                             |
| Password resets for state, district, and school users  |                 |   | X                           |
| Accommodations and supports not correct in DeSSA Test Information Distribution Engine (TIDE) |                 | X   | X                           |

## 2.0 Introduction and General Information

---

The Delaware System of Student Assessments (DeSSA) includes all students who participate in the statewide system of assessment, including:

- Smarter English Language Arts/Literacy
- Smarter Mathematics
- DCAS Social Studies (grades 4 and 7)
- DCAS Science (grades 5, 8, and 10)
- DCAS End of Course (EOC)
- DCAS—Alternate Assessments (DCAS—Alt1)

Paper/pencil forms for each of the DCAS tests are available for those students unable to take the assessments online or use print-on-request as a result of disability, illness, homebound instruction, or testing location.

## 2.1 Manual Organization




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This *Paper/Pencil Test Administration Manual* provides information on policies and procedures for administering the DCAS paper/pencil forms.

This manual covers the following topics:

- [3.0 Roles and Responsibilities](#)
- [4.0 Preparing for the DCAS](#)
- [5.0 Ensuring Test Security](#)
- [7.0](#) During Testing Administration, including specific directions for administration
- [8.3](#) Entering Student Responses into the Data Entry Interface
- [8.5 Returning Test Booklets](#) and testing material to AIR
- [Appendices with additional reference materials](#)

**Table 2-1: Key Icons and Elements**

| Icon  | Description  |
|---|--|
|  | <b>Note:</b> This symbol accompanies helpful information or reminders.   |
|  | <b>Warning:</b> This symbol accompanies important information regarding actions that may cause errors.   |
|  | <b>Caution:</b> This symbol accompanies important information regarding a task.  |
| <div>1. Text</div> <div>2. Text</div>   | Text that appears in shaded boxes provides instructions relevant to the task described: <ul style="list-style-type: none"> <li>▪ Numbered (ordered) lists provide step-by-step instructions.</li> <li>▪ Bulleted lists provide instructions that do not need to be performed in a specific order.</li> </ul> |
| [Text]  | Text in brackets is used to indicate a link or button that is clickable.   |

## 2.2 Additional Resources

Separate user guides (located at <http://de.portal.airast.org>) contain screenshots and step-by-step instructions on how to use the DeSSA assessments. A list of all available user guides is included in 2015–2016 DCAS Resources.

### 1.2. Important Test Date(s)

| 2015-16 Assessment   | Test Window Opens | Test Window Closes |
|--|-------------------|--------------------|
| Alg II and IM III Pretest  | Aug 31, 2015      | Mar 31, 2016       |
| DCAS Science & Social Studies Practice Test                                    | Aug 31, 2015      | Jun 30, 2016       |
| US History, Algebra II & Integrated Mathematics III – Window 1 (Online & *P/P) | Jan 6, 2016       | Feb 3, 2016        |
| DCAS Science (Online)  | Mar 2, 2016       | Apr 8, 2016        |
| DCAS Social studies (Online)   | Mar 2, 2016       | Apr 8, 2016        |
| US History, Algebra II & Integrated Mathematics III – Window 2 (Online & *P/P) | Apr 4, 2016       | May 6, 2016        |
| DCAS Science, Social Studies, US History, Alg II and IM III (*P/P)             | Apr 4, 2016       | Apr 15, 2016       |

\*P/P = Paper and Pencil Test



### 3.0 Roles and Responsibilities

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All test coordinators, test administrators and school administrative staff who will be involved in DCAS administration must complete the DCAS Test Administrator Training and Update Course. This course will provide training on how to properly administer a DCAS test, review of DCAS security and updates on the changes to all DCAS applications.

### 3.1 District Test Coordinators

---

District Test Coordinators (DTCs) are responsible for coordinating testing in their district. They should ensure that the School Test Coordinators (STCs) in their district are appropriately trained and aware of testing policies and procedures. DTCs should also ensure that their STCs have completed all required training and are familiar with the reporting system.

**Table 3-1: District Test Coordinator Checklist for Paper/Pencil Testing**

| Activity  | Completion                  |
|---|-----------------------------|
| Work with schools to determine policy regarding which students are eligible to receive the paper/pencil versions of the DCAS. Enter the flags for these students in TIDE or eSchool.                        | Before testing window       |
| Identify students who need paper/pencil test forms (add accommodation to DCAS Accommodations) and distribute the test booklets and materials to the STC   | Before first testing window |
| Review scheduling and testing requirements with STCs  | Before each test cycle      |
| Assure that all individuals who will be administering paper/pencil test are trained on how to properly administer the DeSSA assessments by completing the required Security and Test Administrator Training | Before administering tests  |
| Before administering any assessments, ensure that Personnel participating in the assessments have completed the DeSSA Security forms  | Before administering tests  |
| Collect test booklets and return used and unused test booklets to vendor  | After test administration   |

### 3.2 District/School Accommodations Managers

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District/School Accommodations Managers are responsible for ensuring student accommodations are correctly entered into TIDE. See TIDE User Manual on the [DeSSA Portal](#) for more information.

**Table 3-2: District/School Accommodations Managers Checklist**

| Activity   | Completion   |
|--|--|
| Attend District/School Accommodations Manager training   | January  |
| Complete all required DeSSA TIDE training  | Ongoing  |
| Ensure accommodations have been reviewed and updated in DeSSA TIDE.  | Before each testing window   |
| Enter any security issues, incidents, data reviews, unique accommodations, or exemptions required for any Smarter assessment testing window in SysAID. | Ongoing—deadline for all submissions is one week after testing window closes |

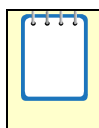
### 3.3 School Test Coordinators

A School Test Coordinator (STC) can be a principal, vice principal, technology coordinator, counselor, or other staff member. We recommend that the STC be a person with non-instructional or limited instructional duties so that she or he can coordinate testing activity in the school.

STCs are ultimately accountable for ensuring that testing is conducted in accordance with the test security policies and other policies and procedures established by the Delaware Department of Education. STCs must complete all actions in accordance with the activity listing and timeline displayed in **Error! Reference source not found..**


**Table 3-3: School Test Coordinator Checklist for Paper/Pencil Version**

| Activity  | Completion                            |
|---|---------------------------------------|
| Ensure that all Test Administrators complete the required Security and Test Administrator Training        | Before each testing window            |
| Ensure accommodations have been reviewed and updated in DELSIS and DeSSA TIDE                             | Before each testing window            |
| Identify, request, and receive paper/pencil version of test for appropriate students (mark accommodation) | Before testing window opens           |
| Set up testing schedule for two-three weeks of testing for paper/pencil test                              | Before and during each testing window |
| Request any additional copies of paper/pencil test for homebound students                                 | Before testing window opens           |
| Inventory all test booklets when received   | Before test window opens              |
| Test students during two-three week paper/pencil test window  | During testing window                 |
| Verify that student responses have been entered on the online Data Entry Interface                        | During and after testing window       |
| Return used and unused test booklets to the DTC   | After testing window                  |



In addition, STCs who also act as TAs must review all user guides and other manuals.

### 3.4 Test Administrators



**Note:** Test Administrators (TAs) administer the DCAS. The DCAS Paper-and-Pencil version may be administered only by:

- Delaware-certified educators (teachers, administrators, or guidance counselors);
- Paraprofessionals, if closely supervised by a Delaware-certified educator;
- Translators (if they are not Delaware-certified educators, they must be closely supervised by a Delaware-certified educator); and
- Substitute teachers (if they are not Delaware-certified educators, they must be closely supervised by a Delaware-certified educator).

If there is a severe shortage of staff, a test may be administered by:

- Student teachers acting as TAs, if closely supervised by a Delaware-certified educator, and
- Student teachers and school support staff to act as proctors.

**Table 3-4: Test Administrator Checklist for Paper/Pencil Version**

| Activity  | Completion     |
|---|----------------|
| Review necessary manuals and user guides (as listed in in 2015–2016 DCAS Resources)   | Before testing |
| Complete the DCAS Test Administrator Training and Updates and sign DCAS Security form   | Before testing |
| Prepare the testing environment, ensuring that students have the necessary equipment and materials, including scratch paper, pencils, and rulers as appropriate | Before testing |
| Ensure that students receive the necessary accommodations (Special Education/504, ELL)  | Before testing |
| Administer the DCAS Paper/Pencil version, following the <i>Directions for Administration</i>  | During testing |
| Report testing irregularities   | After testing  |
| Dispose of scratch paper in a secure manner   | After testing  |
| Enter the student responses on the online Data Entry Interface or arrange for their entry   | After testing  |
| Return test booklets to the STC   | After testing  |

## 4.0 Preparing for the DCAS

### 4.1 Receipt of Test Materials

---

Paper/pencil tests are secure documents and must be appropriately handled. Secure handling must protect the integrity, validity, and confidentiality of assessment questions, prompts, and student results. Any deviation in test administration must be reported to ensure the validity of the assessment results. Mishandling of test administration puts student information at risk and disadvantages the student because tests that are improperly administered may be invalidated. Failure to honor security severely jeopardizes compliance with district and state accountability requirements and the accuracy of student data.

The initial shipment of printed test materials will contain materials only for those students who have been identified as eligible for the paper/pencil accommodation in TIDE or flagged in the eSchool accountability screen for DeSSA paper/pencil materials by the deadline specified by the Office of Assessment. The eSchool flag is cleaned out prior to each school year, so it is necessary to enter the flag each year that a student requires paper pencil materials. If any paper pencil flags are entered after this deadline, the district test coordinator should call the DeSSA Help Desk to order these additional materials.

Printed materials will be shipped to the District Test Coordinator who will distribute the materials. Manuals and other information can also be found online at <http://de.portal.airast.org>. DTCs, STCs, and Test Administrators are able to print out materials from this site.

All test materials for paper/pencil assessments must be kept in a securely locked room that can only be entered with a key or key card. All test materials must remain secure, both prior to the testing and following testing. Student test documents must not be given to the Test Administrator prior to the date of the actual test administration.

All printed test materials must be returned to the DTC as soon as each student's answers have been entered into the Data Entry Interface. This should be done as soon as possible after testing is completed. The materials must be kept in a secure location until all tests are completed. After entry is complete, the STC must return all test booklets to the DTC who will return them to AIR.

Samples of the cover pages of the test booklet are located in Test Booklet Samples.

All test materials are scheduled to arrive at the district's or charter school's Assessment Coordinator's office approximately one week before the opening of the paper/pencil test window.

**Table 4-1: Checklist for District Test Coordinators: Inventorying and Distributing Paper/Pencil Test Materials**

| Activity  | Completion               |
|---|--------------------------|
| 1. Produce an accommodations list from TIDE for all students who have a paper/pencil accommodation and a list of all students who are flagged in eSchool. | <input type="checkbox"/> |
| 2. If testing materials have not been received by the week before testing begins, contact the AIR Help Desk.  | <input type="checkbox"/> |
| 3. Open paper/pencil shipment of test materials. Inventory the paper/pencil quantities. Validate the receipt of materials against the shipment order.     | <input type="checkbox"/> |

|   |                          |
|---|--------------------------|
| 4. Store test materials in secure location.   | <input type="checkbox"/> |
| 5. Distribute test materials to appropriate schools. Use the District Security Checklist from the Test Security Manual at <a href="http://de.portal.airast.org">http://de.portal.airast.org</a> . | <input type="checkbox"/> |
| 6. Retain cartons for return shipment.  | <input type="checkbox"/> |
| 7. Collect and return the used and unused materials to AIR.   | <input type="checkbox"/> |

The following test materials used for the paper/pencil tests must be securely shredded immediately after each separate testing session:

- Scratch paper and all other paper handouts written on by students during testing
- Any reports or other documents that contain personally identifiable student information

These materials cannot be retained for use from one testing session to the next.

## 4.2 Student Participation and Accommodations



Students from all Delaware public schools in the specific grade levels must participate in the DCAS unless they receive a special exemption, are being administered DCAS Alt-1, or they qualify as recently arrived English language learners. (See the DCAS Guidelines for Inclusion for more information on recently arrived English language learners.)

Both paper/pencil and paper Braille forms are available. Enter the correct accommodation codes in TIDE. DDOE will notify AIR which schools and students require paper/pencil and Braille forms.

All student testing accommodations must be entered in TIDE. A student must be provided with all accommodations entered in TIDE. You can review TIDE for each student in the TIDE application (See Accommodation Screen in DCAS TIDE).

Students may refuse to use an accommodation, but they must be offered the opportunity to use all specified accommodations.

If questions arise about the use of specific accommodations with the DCAS, please contact Brian Touchette (302-857-3306) at the Delaware Department of Education.

## 4.3 Student ID Numbers

All students must be registered at their testing schools before they can take any DCAS test. The student must be registered in the DeSSA TIDE system in the correct school.

If a student is not registered at the testing school, this information must be updated in the student information system before the student can be tested. Data from the student information system will be uploaded nightly into DeSSA TIDE.



If materials are distributed to students containing both the student name and the SSID, these materials must be collected before the students leave the testing room and then shredded.

#### **4.4 Exempt Students**

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Some students may qualify for an exemption from the DCAS during a particular testing window. These include the following:

- Students receiving services at an out-of-state residential program that is approved by the student's Individualized Education Program (IEP)
- A recently arrived ELL student (who has been in U.S. schools less than one year at the time of testing) for English language arts only
- Students are too ill to test or students who have recently experienced severe traumatic events
- Other student situations identified by the school, evaluated and approved by DDOE

Remember, not all accommodations available in the classroom are to be used in DCAS testing. Only these specifically identified in TIDE may be used during testing.

Please see What to Do When (for Paper and Pencil Testing), for specific examples of when to file an exemption request.

#### **4.5 Preparing Students for Testing**

---

In order to best prepare students for testing, provide them with the following instructions as applicable:

- Remind students to take their time; this is not a timed test.
- Students should use their scratch paper to take notes and work through multi-step questions.
- Remind students to do a last check before they submit their test.
- Students should try to be well-rested and have a good breakfast the day of testing. A relaxed and confident attitude is the goal when testing.

## 5.0 Ensuring Test Security

---

The security of assessment instruments and the confidentiality of student information are vital to maintain the validity, reliability, and fairness of the results. There will be systematic checks and balances of the test data to locate discrepancies among scores. The DDOE will monitor testing and conduct investigations of reported breaches of security. DCAS is covered by the terms outlined in Subchapter IV of Chapter 1, Title 14 of the Delaware Code. Please refer to the [DeSSA Test Security Manual](http://de.portal.airast.org), available at <http://de.portal.airast.org> for required information and details.

All test items, test materials, and student-level testing information are secure documents and must be appropriately handled. Secure handling must protect the integrity, validity, and confidentiality of assessment questions, prompts, and student results. Any deviation in test administration must be reported to ensure the validity of the assessment results. Mishandling of test administration puts student information at risk and disadvantages the student because tests that are improperly administered may be invalidated. Failure to honor security severely jeopardizes district and state accountability requirements and the accuracy of student data. Please refer to the DeSSA Test Security Manual and Training at <http://de.portal.airast.org> for additional information.

The following test materials must be securely shredded immediately after each testing session and may not be retained from one testing session to the next:

- Scratch paper and all other paper handouts written on by students during testing
- Any reports or other documents that contain personally identifiable student information, including cards with student ID numbers

## 6.0 Testing Materials

Because the DCAS is administered online, printed test materials will be shipped only for those students requiring the paper-and-pencil accommodation or students identified as homebound. If a student is homebound, the flag must be set in eSchool in order for the student to receive a paper-pencil test. Confirm that all students' information, including their accommodations (e.g., paper or homebound), are set in eSchool and TIDE to ensure on-time delivery of materials. On-time orders are the orders set in eSchool and TIDE before the close of the on-time order window. In order to be included in the on-time order, the e school paper pencil flag or paper accommodation must be set for the student.

### 6.1 Additional Orders

If additional orders are needed, they will be accepted by the DCAS Help Desk beginning the day that material arrives in the district. These orders will be shipped several times a week. Additional orders must be placed by the DTC.

### 6.2 Allowable Resources for Paper/Pencil Testing

The test administration must be conducted with appropriate resources and materials. During the administration of the Social Studies test, charts containing dates or historical information must be removed or covered. Students cannot use a dictionary or other literary glossaries. During the administration of the Science tests, students must **NOT** have access to notes, textbooks, maps, or charts. The resources listed in **Error! Reference source not found.** are NOT allowed during the Paper and Pencil DCAS test. **Error! Reference source not found.** lists required resources to be provided to students during the Paper and Pencil DCAS test.

**Table 6-1: Not Allowable Resources**

|   |
|---|
| <b>Mathematics (End-Of-Course) Tests</b>  |
| • <b>NO</b> Protractors   |
| • <b>NO</b> access to notes, textbooks, maps or charts  |
| <b>Social Studies Tests</b>   |
| • <b>NO</b> charts containing dates or historical information; they must be removed or covered during testing |
| <b>Science Tests</b>  |
| • <b>NO</b> access to notes, textbooks, maps or charts  |

**Table 6-2: Required Resources for the DCAS Tests**

|  |
|--|
| <b>All DCAS Tests</b>  |
| Pen or pencil.   |
| Blank or grid scratch paper (must be securely shredded immediately after a test administration) and a ruler for drawing on scratch paper only.   |
| Posters offering students encouragement or inspiration without any specific content related to content standards.  |
| <b>Mathematics (End-Of-Course) Tests</b>   |
| Calculators:   |
| • The calculator accessible within the DCAS is allowed during testing. See Online Calculators in the DCAS Tests (2015–2016) at <a href="http://de.portal.airast.org">http://de.portal.airast.org</a> |
| • School handheld calculators as specified in DCAS Only Handheld Calculator Policy.  |
| Department-approved formula:   |
| • Only the formula sheets accessible in the DCAS are allowed during the Mathematics test. (Available in  |



|  |
|--|
| Math Resources)  |
| Grid Paper: <ul style="list-style-type: none"> <li>It is mandatory to provide two sheets of graph paper per student for each Mathematics test. Students in grades 6–10 should have a <math>\frac{1}{4}</math>-inch grid. Both <math>\frac{1}{2}</math> inch and <math>\frac{1}{4}</math> inch grids can be located in Math Resources or on the <a href="#">DCAS portal</a>.</li> </ul> |
| <b>Science Tests</b>   |
| Department-approved Periodic table: <ul style="list-style-type: none"> <li>Only the Periodic table accessible in the DCAS is allowed during the Science test. (Available in Science Resources)</li> </ul>  |

## 7.0 During Testing Administration

### 7.1 Establishing Appropriate Testing Conditions

The DTC and TAs should work together to determine the most appropriate testing option(s) and testing environment, based on the number of students in each tested grade, and the average time needed to complete each test. Testing students in classroom-sized groups is preferable to administering tests to large groups in large facilities. Establishing smaller groups lessens test fear and anxiety for the students and facilitates monitoring and control for the TA.

The test administration should be conducted in a room that does not crowd students. Good lighting, ventilation, and freedom from noise and interruptions are important factors to be considered when selecting a site. When testing homebound students, the best testing environment possible at the home should be arranged.



Cell phones or other electronic devices are not allowed in the testing room.

The test administration should be conducted with the following requirements to promote optimal testing conditions:

**Table 7-1: Requirements of the Test Environment**

| Requirement  | Description   |
|--|---|
| <b>Before Testing</b>  |   |
| Instructional materials removed or covered                         | Instructional materials must be removed or covered, including but not limited to: <ul style="list-style-type: none"><li>• Information displayed on bulletin boards, chalkboards, or dry-erase boards</li><li>• Charts such as wall charts that contain literary definitions, maps, mathematic formulas, etc.</li><li>• Other surfaces that might assist students in answering questions</li></ul> |
| Student seating must be spaced.                                    | <ul style="list-style-type: none"><li>• Students must be seated so there is enough space between them to minimize opportunities to look at each other's work, or they should be provided with tabletop partitions.</li></ul>  |
| Do not Disturb Signage   | <ul style="list-style-type: none"><li>• If helpful, place a "Testing—Do Not Disturb" sign on the door or post signs in halls and entrances rerouting hallway traffic in order to promote optimum testing conditions.</li></ul>  |
| <b>During Testing</b>  |   |
| A Quiet environment is required.                                   | Provide a quiet environment devoid of talking or other distractions that might interfere with a student's ability to concentrate or might compromise the testing situation.   |
| Students must be supervised  | Students are actively supervised during the entire administration process.  |
| Access to electronic devices is permitted during the test session. | Students are free from access to unauthorized electronic devices that allow availability to outside information, communication among students, or photographing or copying test content. This includes, but is not limited to, cell phones, personal digital assistants (PDAs), iPods, cameras, and electronic translation devices. Please refer to the DeSSA Test Security Manual.               |

| Requirement  | Description   |
|--|---|
| Students must have Access to allowable resources only during the test session.                                 | Students must only have access to and use of those allowable resources identified for DeSSA assessments that are permitted for each specific assessment (or portion of an assessment).  |
| Only students who are testing can have Access to assessments during the test session.                          | Only students who are testing can observe assessment items. Students who are not being tested or unauthorized staff must not be in the room where a test is being administered. Based on the item type (i.e., performance tasks), trained TAs may also have limited exposure to assessment items in the course of properly administering the assessment; however, even TAs and other staff may not actively review or analyze any assessment items. |
| No answer key may be developed   | No form or type of answer key may be developed for test items.  |
| <b>During and After Testing</b>  |   |
| TA's must have no access to student responses except in the normal course of assisting students with the test. | TAs are not permitted to review student responses in the testing interface or students' notes on scratch paper.   |
| Making copies of test materials is not permitted.  | No copies of the test items, stimuli, or reading passages may be made or otherwise retained.  |
| Test materials must not be recorded or released by any method.   | No digital, electronic, or manual device may be used to record or retain an item, stimuli or reading passage. Similarly, these materials must not be discussed with or released to anyone via any media, including fax, email, social media websites, etc.  |
| Retaining, discussing, or releasing test materials is not permitted.   | Descriptions of test items, stimuli, or printed reading passages must not be retained, discussed, or released to anyone.  |
| Reviewing, discussing, or analyzing test materials is not permitted.   | Staff and TAs may not review, discuss, or analyze test items, stimuli, or reading passages, including before, during, or after testing. Student interaction during a test is limited to what is necessary for the purpose of a performance task.  |
| <b>After Testing</b>   |   |
| No test materials used for instructions  | Test items, stimuli, or reading passages must not be used for instruction.  |
| Secure disposal of materials   | See DeSSA Test Security Manual  |

Refer to What to Do When (for Paper and Pencil Testing), for more detailed information regarding test situations.

## 7.2 Expected Testing Times

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Establish procedures to maintain a quiet testing environment throughout the testing session, recognizing that some students will finish more quickly than others. Review DCAS After-Testing suggestions in DCAS After-Testing Suggestions and adopt a school policy. If students are allowed to leave the testing room when they finish, explain the procedures for leaving without disrupting others and where the students are expected to report once they leave. If students are expected to remain in the testing room until the end of the session, instruct them on what activities they may do after they finish the test.

The paper/pencil tests are NOT timed; however, students who begin a paper/pencil session should complete the test within the session whenever possible.

All testing must be completed during the designated testing window. Students who finish early should be encouraged to use any remaining test time to check answers.

## 7.3 Distributing Materials

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STCs must follow procedures for distributing secure test materials to each Test Administrator. The DeSSA Test Security Manual at <http://de.portal.airast.org> contains a Security Checklist that DTCs can follow to ensure that the correct procedures are followed. Each Test Administrator must sign a form indicating that they have received the secure test materials.

## 7.4 Directions for Administration

---

In order to ensure that all students are tested under the same conditions, you should adhere strictly to the following *Directions for Administration*. When asked, you should answer questions raised by students, but you should never help the class or individual students with specific test items.

All directions that you are to read to students are displayed in bold type so that they stand out from the regular text. Read these directions *exactly as they are written*, using a natural tone and manner.

If you make a mistake in reading a direction, stop and say, "I made a mistake. Listen again." Then read the direction again.

Try to maintain a natural classroom atmosphere during the test session. Before each test begins, encourage students to do their best. See Directions for Administration (Printable Version) for printable directions for administration pages for science, and social studies assessments.

The script follows (with Test Administrator read-aloud sections in bold):

**SAY:** You are now going to take the [subject] test. You will have [time] to complete this test.

**Make sure that you have two sharpened No. 2 pencils on your desk. If you need another pencil during the test, raise your hand and I will give you one. If you need to change an answer, make sure that you completely erase the answer you do not want.**

**Are there any questions?** Answer any questions.

**I will hand out the test booklets. Do not open your test booklet until I tell you to do so.** Make sure that each student receives his or her assigned test booklet and has two No. 2 pencils.

**Look at the back covers of your test booklet. Print all the requested information.** Allow time for students to print their information.

**There are several important things to remember:**

- 1. Read each question carefully. Think about what is being asked.**
- 2. For multiple-choice questions, circle your choice in the test booklet. Mark only one answer. If you change an answer, make sure that you erase your old answer completely. Notice that the answer choices are A through D.**
- 3. Do not spend too much time on any one question. Go on to the next question and return to the skipped question after answering the remaining questions. You must answer all questions.**
- 4. Check your work when you are finished.**

**You should continue until you see the word “STOP” in your test booklet. If you finish before time is called, make sure that you have answered all the questions and bubbled any information needed. Then raise your hand and I will collect your test.**

**After I collect your test, you may take out your silent work. Are there any questions?** Pause for students' questions.

**If you have any questions during the test, please raise your hand.**

**Go to page 1 of your test booklet. Please read the directions provided in the test booklet. You may begin.**

When the students are finished, collect all test materials, including scratch paper, etc.

## **7.5 Ensuring That Accommodations Are Provided**

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DTCs must ensure that Special Education, Section 504, ELL, and General Ed with Supports students are provided the accommodations and supports to which they are entitled. Special protocols must be followed for translating, signing, scribing, reading aloud, and other accommodations. Test Administrators must be familiar with these protocols if they are administering tests to students with these accommodations.

## **7.6 Securing Test Materials between Administration Sessions**

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The DTC is responsible for monitoring and ensuring the secure storage of all test materials between testing sessions. Secure test booklets, when not in use, must be stored in a locked, secure location in each school.

## **7.7 Administer Make-up Testing**

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Students who are absent during their regular testing period can be tested at any time during the DCAS paper/pencil test window. All students who can be appropriately tested must take the assessment.

In addition, any students who have not completed their tests should be allowed to do so within the DCAS paper/pencil test window.

## **7.8 Absences**

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STCs must keep a record of absences for any student who is eligible for paper/pencil testing and was absent from the scheduled regular and make-up testing sessions.

Whenever possible, students who were ill or absent during testing should be tested during the paper/pencil make-up sessions in your school. If a student does not test during the scheduled or make-up testing his or her name must be recorded to indicate that he or she did not participate in testing and did not take the test during the school's scheduled make-up sessions. This record will help each school verify the receipt of student scores when released on the online reporting system. Apply for a special exemption if appropriate.

## 8.0 Following Test Administration

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### 8.1 Destroying Test Materials



**Important:** Federal law—the Family Educational Rights and Privacy Act—prohibits the release of any student’s personally identifiable information. Any printed materials must be securely stored and then shredded.

As a reminder, unless using scratch paper during the performance task (PT), those test materials identified in the [DeSSA Test Security Manual](#) must be securely shredded immediately following each test session and may not be retained from one test session to the next. Scratch paper used during the PT should be handled according to the guidance provided in the DeSSA Test Security Manual.

### 8.2 Reporting Testing Improperities, Irregularities, and Breaches

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Throughout testing, ensure that all test security incidents are reported in accordance with the guidelines in the [DeSSA Test Security Manual](#).

### 8.3 Entering Student Responses

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- Test Administrators should enter all student responses in the online Data Entry Interface system (DEI). (All responses must be entered in the online Data Entry Interface. Test books will not be scored when they are returned.)
- A second qualified person or the individual entering the responses verify that the responses entered match the responses that the student selected.
- Test Administrators should return all materials to the DTC.
- Detailed instructions can be found in Entering Student Responses.



Note: If you pause a test in the DEI for more than 30 minutes, you will not be able to review or change the responses to items you have already entered.

After a pause, you may resume entry of the student’s responses at any time within the test window opportunity. Once the DEI closes, the test record expires and the opportunity is lost.

The ability of the test to be paused is not intended for lunch or breaks.

### 8.4 Packaging Materials for Return

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- DTCs should collect all test booklets, and other test materials from schools.
- DTCs should verify that they have the same quantity of test materials that was distributed and that all materials are accounted for.
- Do not destroy any test booklets. All used and unused test materials must be returned.
- Use the original shipping boxes to return the test materials to AIR. If these boxes have been damaged, please contact the AIR Help Desk at 877-560-8331 to request additional boxes.

- Do not overfill the box, and be sure to use filler if the materials do not completely fill the box. Remove any previous markings or labels from the boxes before filling them.

## **8.5 Returning Test Booklets**

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The DTC is responsible for arranging for the test materials to be picked up and returned to AIR. It is very important that districts/charter schools follow the return procedures below so that test booklets are returned in a timely fashion.

### ***8.5.1 Unacceptable Label Placements for Returning Test Booklets***

DO NOT place any labels across the top or bottom of the boxes.

### ***8.5.2 UPS Contact Information***

UPS will serve as the shipping carrier. The DTC Kit contains appropriate UPS labels. If a daily pickup or a drop box is not available, call UPS at least two or three days before to schedule a pickup (800-742-5877).

### ***8.5.3 Packing of Test Materials for Return Shipment***

- Locate the package labeled “DTC Kit.” This packet contains an envelope of UPS ground labels, which are preprinted with your school information.
- Use the UPS ground delivery labels for test booklet return.
- Do not write anything on the UPS return shipping label.
- Once all boxes are appropriately labeled, seal them with packaging tape.
- It is important to return test booklets as soon as possible after the test administration window.
- Keep the boxes in locked storage until they are shipped to AIR.

For any additional information or questions regarding packing or shipping, please contact the AIR Help Desk at 877-560-8331.

### ***8.5.4 Returning District Overage***

DTCs must be sure to count and return ALL unused secure materials in the district overage shipment.



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## **Appendix A:**

## **2015–2016 DCAS Resources**

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## Appendix A: 2015–2016 DCAS Resources

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All materials are available on the portal at: <http://de.portal.airast.org>.

**Table A-1: Resources for the DCAS Assessments**

| Resource   | Description   |
|--|---|
| <a href="#">2015 – 2016 Test Security Manual</a>                                 | This manual provides information regarding test security policies for all DeSSA tests. School personnel, including Test Administrators, should review this document carefully.  |
| <a href="#">EOC Pretest Online Test Administration Manual</a>                    | This manual includes information for Test Administrators, Test Coordinators, and other roles, and describes the policies and responsibilities for administration of the EOC Pretest for Algebra II and Integrated Mathematics III.  |
| <a href="#">2015–2016 Test Administrator User Guide</a>                          | This TA User Guide provides information on how to use the TA and Student Interface applications for all DeSSA assessments, including DCAS, EOC and Smarter.   |
| <a href="#">2015–2016 DCAS and EOC Test Administration Manual</a>                | This manual includes information for Test Administrators, Test Coordinators and other roles, and describes the policies and responsibilities for each role in the online testing for the DCAS (Science and Social Studies) and End-of-Course (EOC) US History, Algebra II and Integrated Mathematics III. |
| <a href="#">2015–2016 Test Information Distribution Engine (TIDE) User Guide</a> | This user guide provides information on how to use the Test Information Distribution Engine (TIDE).   |
| <a href="#">User Roles and Access to DeSSA Applications</a>                      | This table provides a brief overview of DeSSA applications and which users can access the features/tasks within each application. The corresponding user guide for each system contains complete information about each system's features.  |
| <a href="#">2015–2016 Online Reporting System User Guide</a>                     | This user guide provides information on how to use the Online Reporting system to view student performance and participation data.  |

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## **Appendix B: Directions for Administration (Printable Version)**

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## **Appendix B: Directions for Administration (Printable Version)**

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The script follows (with Test Administrator read-aloud sections in bold):

**SAY: You are now going to take the [subject] test. You will have [time] to complete this test.**

**Make sure that you have two sharpened No. 2 pencils on your desk. If you need another pencil during the test, raise your hand and I will give you one. If you need to change an answer, make sure that you completely erase the answer you do not want.**

**Are there any questions?** Answer any questions.

**I will hand out the test booklets. Do not open your test booklet until I tell you to do so.** Make sure that each student receives his or her assigned test booklet and has two No. 2 pencils.

**Look at the back covers of your test booklet. Print all the requested information.** Allow time for students to print their information.

**There are several important things to remember:**

- 1. Read each question carefully. Think about what is being asked.**
- 2. For multiple-choice questions, circle your choice in the test booklet. Mark only one answer. If you change an answer, make sure that you erase your old answer completely. Notice that the answer choices are A through D.**
- 3. Do not spend too much time on any one question. Go on to the next question and return to the skipped question after answering the remaining questions. You must answer all questions.**
- 4. Check your work when you are finished.**

**You should continue until you see the word “STOP” in your test booklet. If you finish before time is called, make sure that you have answered all the questions and bubbled any information needed. Then raise your hand and I will collect your test.**

**After I collect your test, you may take out your silent work. Are there any questions?** Pause for students' questions.

**If you have any questions during the test, please raise your hand.**

**Go to page 1 of your test booklet. Please read the directions provided in the test booklet. *You may begin.***

When the students are finished, collect all test materials, including scratch paper, etc.

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## **Appendix C:**

# **Accommodation Screen in DCAS TIDE**

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## **Appendix C: Accommodation Screen in DCAS TIDE)**

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## **Appendix D: What to Do When (for Paper and Pencil Testing)**

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## Appendix D: What to Do When (for Paper and Pencil Testing)

### Before Testing

| Description   | What to Do  |
|---|---|
| 1. A student is chronically truant.   | Do not submit incident report. No exemptions will be granted.   |
| 2. A student is present at school but refuses to take the test any time during the testing window.  | Submit an incident report in SysAID for the individual student for the affected tests.  |
| 3. A student has a health concern and a medical professional caring for the student has provided a letter stating that the student should not test due to the medical condition. The doctor cannot be required to provide any medical details due to HIPAA law. | Submit a request for an exemption in SysAID. Keep letter from the doctor on file at the district office.  |
| 4. A student is not showing for the school in which he/she is currently enrolled.   | Review DELSIS 2.0 and eSchool. If the student is correct in these applications, submit a ticket in SysAID to your STC and submission to DDOE for review.  |
| 5. A student does not show correct accommodations or supports in DeSSA TIDE. Test has not yet been started.   | Contact the District or School Accommodations Manager to update the accommodations and supports in TIDE. Make sure accommodations are correct before student begins a test.   |
| 6. There is a death in the family before or during the testing window.  | Determine whether the child can be tested at the end of the testing window—if that will not be feasible, submit an exemption request.   |
| 7. A student is in a DSCYF juvenile detention facility.   | Do not submit an exemption request. Make sure student has a home school record associated with your district and the student has been enrolled at detention facility.   |
| 8. A student is in a court-ordered private placement in state.  | Submit a request for an exemption in SysAID. Keep letter from facility on file in district office. If the student does return to your school/district, he or she must be given the opportunity to test.                       |
| 9. A student is in a court-ordered private placement out of state.  | Submit a request for an exemption in SysAID. Keep letter from facility on file in district office. If the student does return to your school/district, he or she must be given the opportunity to test.                       |
| 10. A student is in DAPI or Consortium Discipline Alternative Program (CDAP).   | Student will be tested at current CDAP facility. Make sure student has home school record and the CDAP facility has entered the student record for its facility.  |
| 11. A student is in an adult prison.  | Submit a request for exemption in SysAID.   |
| 12. A student who wears glasses or takes medication on a daily basis is without them on testing day.  | Postpone testing for student and have student take test at a later time in the testing window.  |
| 13. A student qualifies for English as a Second Language (ESL) services, but the student's parent/guardian/caregiver has  | If a student meets the criteria to be identified as an ELL and receives ESL services, a student may receive ELL designated supports even if parent/guardian/caregiver has withdrawn the student from ESL services. Please see |



|  |   |
|--|---|
| withdrawn him or her from ESL services. Can this student have designated supports? Can this student qualify for an exemption in the ELA/literacy assessment? | the Guidelines for Inclusions for ELL Students to determine whether a student can be excluded from the ELA/literacy assessment. |
|--|---|

## During Testing

| Description  | What to Do   |
|--|--|
| 1. A student becomes sick during testing.  | Pause student test and allow student to return during make-up session(s) to finish test. Request a grace period extension if the student needed to pause without checking his or her answers.  |
| 2. A student is removed from test session due to student misbehavior.  | Pause student test and allow student to return during make-up session(s) to finish test.   |
| 3. A student is given a test accommodation or support that is not in his or her IEP/504 plan/intervention plan.  | Submit an incident report in SysAID indicating name(s) and ID numbers of students involved. Indicate which accommodations and supports were incorrectly provided. The student(s) will only be reset if they meet the new reset criteria.   |
| 4. A student starts a test without all of his/her accommodations or supports available on the test.  | Pause the student's test. Contact the District or School Accommodations Manager to update the accommodations or supports in TIDE. (If the change is to Language (Braille, Spanish), Permissive Mode, closed captioning, or ASL, you must also request a reset from DOE via SysAID.) Once changes are in place, re-launch the student's test.   |
| 5. A testing behavior violation occurs.  | Report incident to the DTC. DTC will report the incident to the Office of Assessment according to the procedures in the Security Manual. The School Administrator or District Administrator should submit an online incident report in SysAID.   |
| 6. A student is cheating.  | Submit an incident report in SysAID. Enforce district policies for student misconduct.   |
| 7. It is identified that a student who has test accommodations has not been provided one or more of these accommodations or supports during a test session. Student's test status is "reported." | Submit an incident report in SysAID. Contact the District or School Accommodations manager to update the accommodations and supports in TIDE. Make sure the student is provided with appropriate accommodations and supports for any remaining test sessions. The student will only be provided a grace period extension if they meet the criteria set forth in the security manual. |
| 8. A student moves out of the school before all test sessions are completed.   | Student can complete testing in new district if moving within the state—no action is necessary.  |
| 9. The building experiences a fire drill, emergency situation, or extended power outage.   | The TA should ensure student safety and pause the test if time permits. Testing should be continued when order is restored if time permits. If not, a new test session must be scheduled to give the students sufficient time to complete  |

|  |   |
|--|---|
|  | the test. If students must pause tests without checking their answers, you may request a Grace Period Extension for affected students so they may access items answered during the affected test session. |
| 10. The building experiences a fire drill, emergency situation, or extended power outage or computer issue, and students are unable to return to review tests before the pause time expires. | If the students were unable to access their tests before the pause rule expired, submit an incident report in SysAID identifying all students affected and request a re-open. See examples below.         |

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## **Appendix E:**

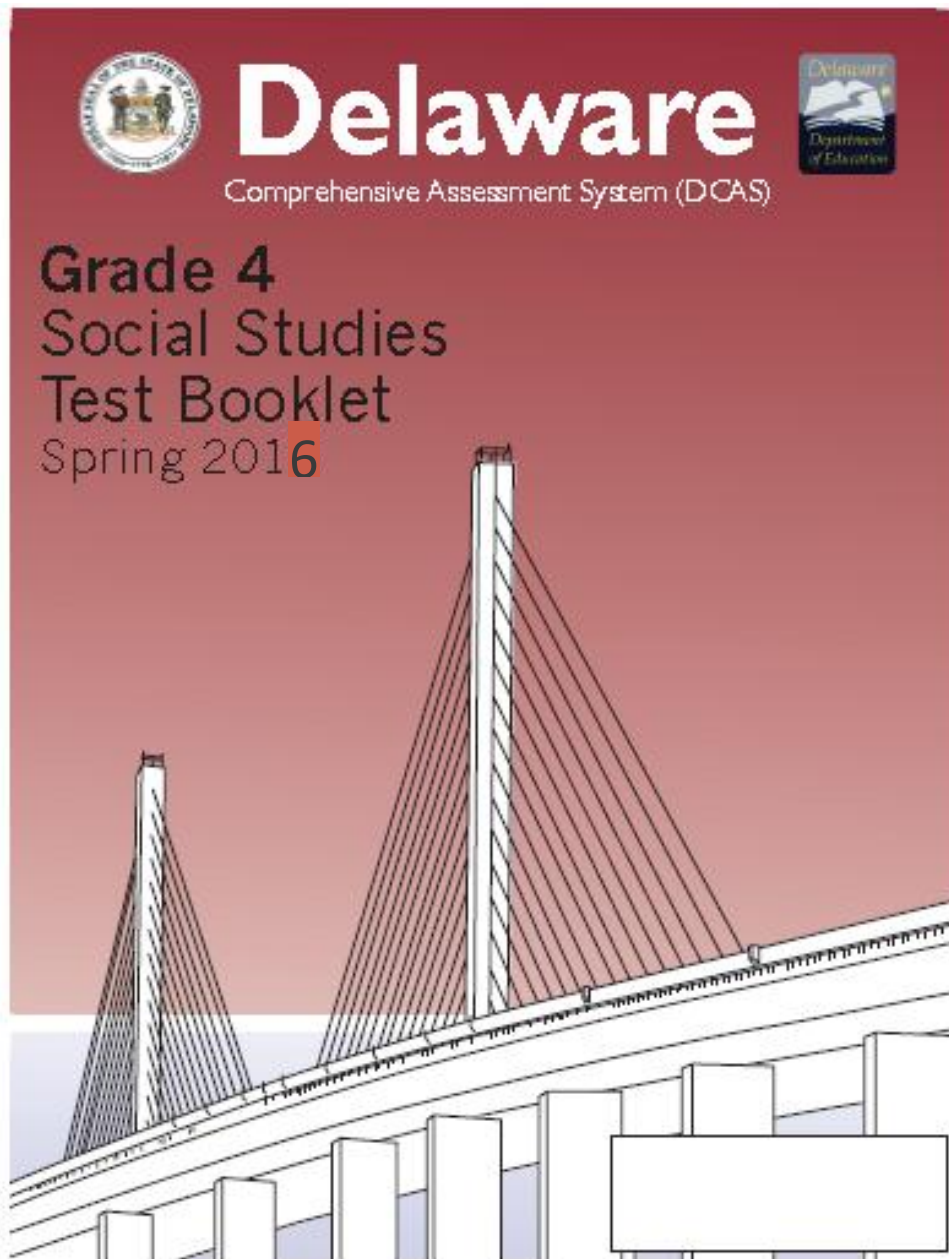
# **Test Booklet Samples**

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## Appendix E: Test Booklet Samples

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## **Appendix F:**

# **DCAS After-Testing Suggestions**

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## Appendix F: DCAS After-Testing Suggestions

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When administering an untimed test, students will finish at different times. What students are allowed to do while other students finish is a dilemma. Here is the DDOE's list of *recommended*, *suggested* and *prohibited* activities.

| Activity  | Status      | Rationale  |
|---|-------------|--|
| Leave the testing room and report back to regularly scheduled activity  | Recommended | Student instructional time is not wasted               |
| Leave the testing room and report to pre-designated, monitored holding area, with or without a scheduled activity | Suggested   | Students are engaged                                   |
| Sit quietly in their seats  | Allowed     | This is difficult for many students                    |
| Read a preapproved book or pre-assigned material not related to the tested subject                                | Suggested   | Quiet, not a major security risk                       |
| Write in a journal, diary, or on any paper  | Prohibited  | Security risk that students may transmit item content  |
| Listen to music on an iPod, etc.  | Prohibited  | Electronic devices are not allowed in the testing room |
| Use a cell phone  | Prohibited  | Electronic devices are not allowed in the testing room |
| Talk or signal to other students  | Prohibited  | Too distracting to other students and security risk    |
| Move about the testing room   | Prohibited  | Too distracting to other students                      |

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## **Appendix G: Math Resources**

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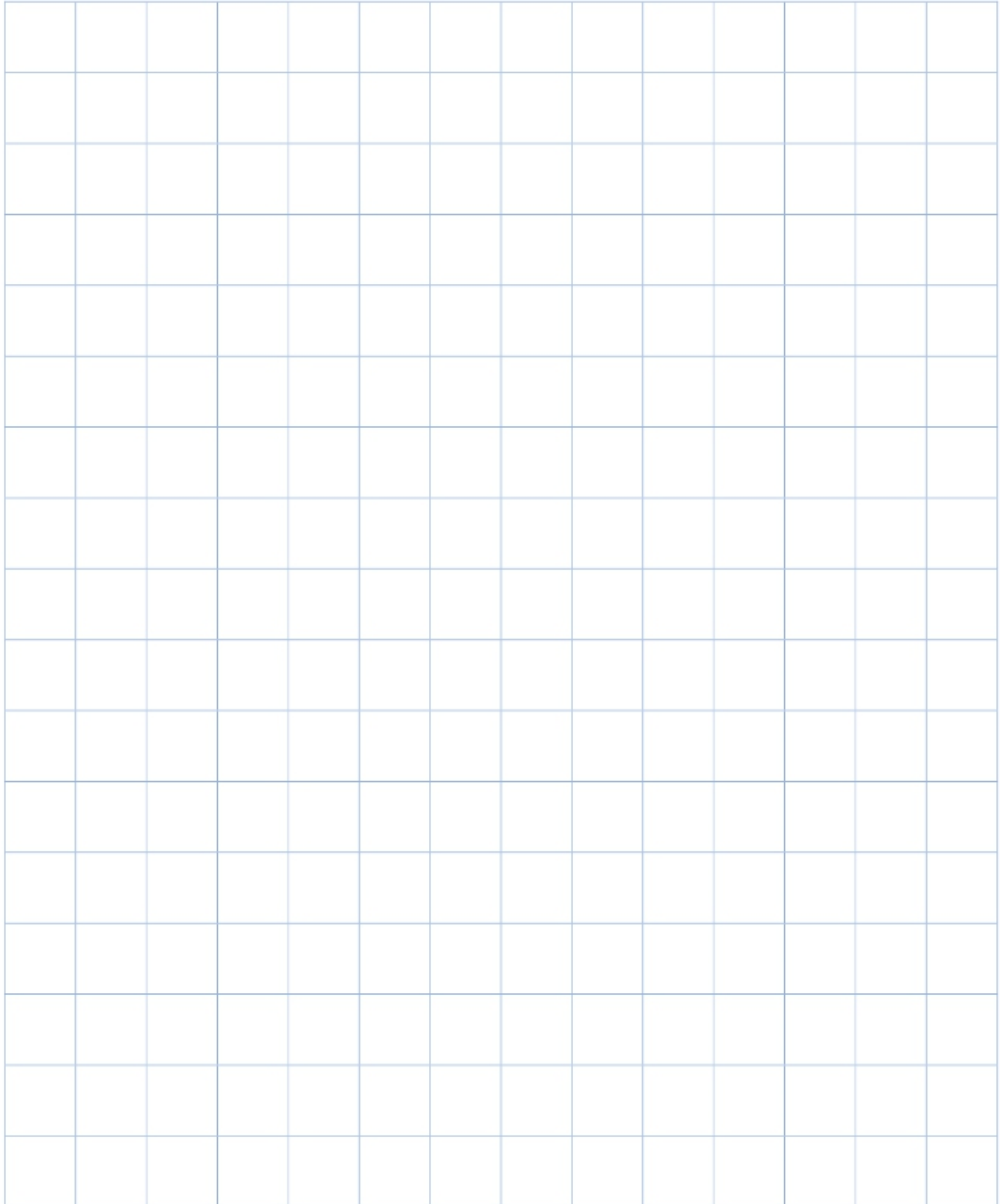
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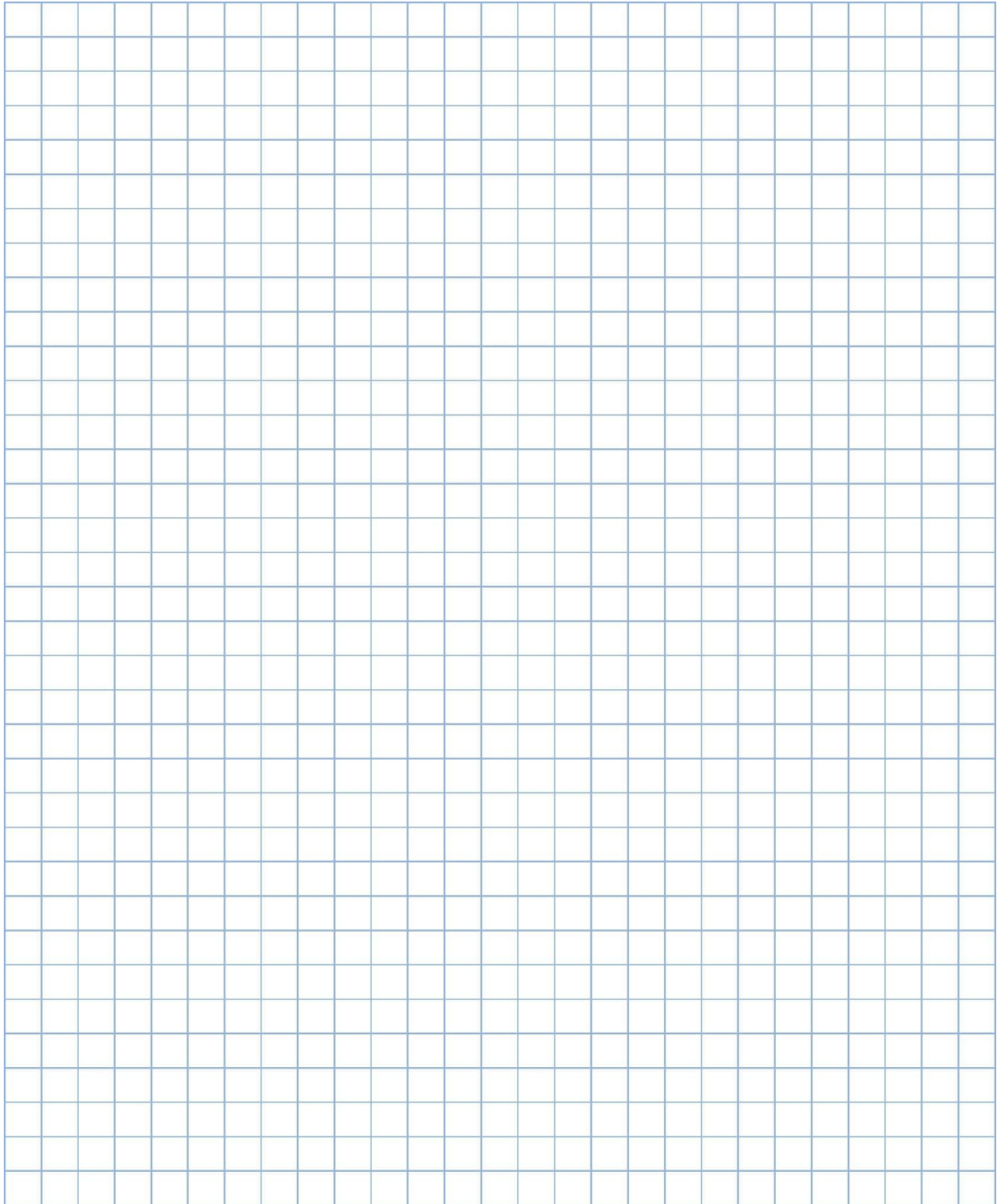
## **Appendix G: Math Resources**

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The DCAS Math Resources are  $\frac{1}{2}$ -inch graph paper,  $\frac{1}{4}$ -inch graph paper, the Algebra II/Integrated Mathematics III reference sheet.







## DCAS Reference Sheet End-Of-Course Algebra II/Integrated Mathematics

### AREAS OF POLYGONS

|               |                               |
|---------------|-------------------------------|
| Parallelogram | $A = bh$                      |
| Rectangle     | $A = bh$                      |
| Square        | $A = s^2$                     |
| Triangle      | $A = \frac{1}{2}bh$           |
| Trapezoid     | $A = \frac{1}{2}h(b_1 + b_2)$ |

### CIRCLES

$$C = 2\pi r \quad A = \pi r^2$$

$$(x - h)^2 + (y - k)^2 = r^2$$

### PROBABILITY

$${}_nC_r = \frac{n!}{r!(n-r)!}$$

$${}_nP_r = \frac{n!}{(n-r)!}$$

#### **General Addition Rule**

$$P(A \text{ or } B) = P(A) + P(B) - P(A \text{ and } B)$$

#### **Conditional Probability**

$$P(A|B) = \frac{P(A \text{ and } B)}{P(B)}$$

### ANGLE MEASUREMENT

$$\pi \text{ radians} = 180^\circ \quad s = r\theta$$

$$1^\circ = \frac{\pi}{180} \text{ rad} \quad 1 \text{ rad} = \frac{180^\circ}{\pi}$$

### VOLUMES

|          |                            |
|----------|----------------------------|
| Cube     | $V = s^3$                  |
| Cylinder | $V = \pi r^2 h$            |
| Cone     | $V = \frac{1}{3}\pi r^2 h$ |
| Sphere   | $V = \frac{4}{3}\pi r^3$   |

### SUM & DIFFERENCE OF CUBES

$$a^3 - b^3 = (a - b)(a^2 + ab + b^2)$$

$$a^3 + b^3 = (a + b)(a^2 - ab + b^2)$$

### DIFFERENCE OF SQUARES

$$a^2 - b^2 = (a + b)(a - b)$$

### QUADRATIC FORMULA

$$ax^2 + bx + c = 0$$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

### OTHER

#### **Compound Interest**

$$A = P\left(1 + \frac{r}{n}\right)^{nt}$$

#### **Continuous Compound Interest**

$$A = Pe^{rt}$$

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## **Appendix H: Science Resources**

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## Appendix H: Science Resources

### Periodic Table

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| H |  | He |  | Li |  | Be |  | B |  | C |  | N |  | O |  | F |   | Ne |  | Na |  | Mg |  | Al |  | Si |  | P |  | S |  | Cl |  | Ar |  | K |  | Ca |  | Sc |  | Ti |  | V |  | Cr |  | Mn |  | Fe |   | Co |  | Ni |  | Cu |  | Zn |  | Ga |  | Ge |  | As |  | Se |  | Br |  | Kr |  | Rb |  | Sr |  | Y |  | Zr |  | Nb |  | Mo |  | Tc |   | Ru |  | Rh |  | Pd |  | Ag |  | Cd |  | In |  | Sn |  | Sb |  | Te |  | I |  | Xe |  | Cs |  | Ba |  | La |  | Ce |  | Pr |  | Nd |   | Pm |  | Sm |  | Eu |  | Gd |  | Tb |  | Dy |  | Ho |  | Er |  | Tm |  | Yb |  | Lu |  | Hf |  | Ta |  | W |  | Re |  | Os |  | Ir |    | Pt |  | Au |  | Hg |  | Tl |  | Pb |  | Bi |  | Po |  | At |  | Rn |  | Fr |  | Ra |  | Ac |  | Th |  | Pa |  | U |  | Np |  | Pu |    | Am |  | Cm |  | Bk |  | Cf |  | Es |  | Fm |  | Md |  | No |  | Lr |  | Uuo |  | Uuh |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |    | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |    | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |    | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  | Uub |  | Uut |  | Uuq |  |

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## **Appendix I: Entering Student Responses**

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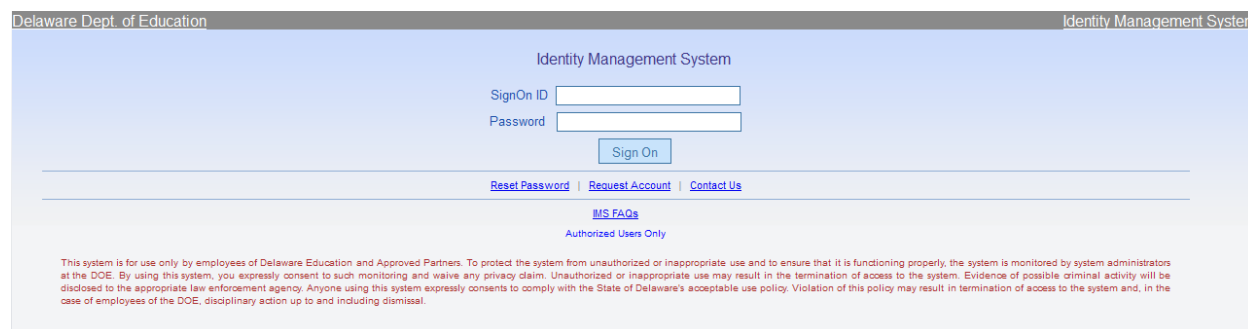
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## Appendix I: Entering Student Responses

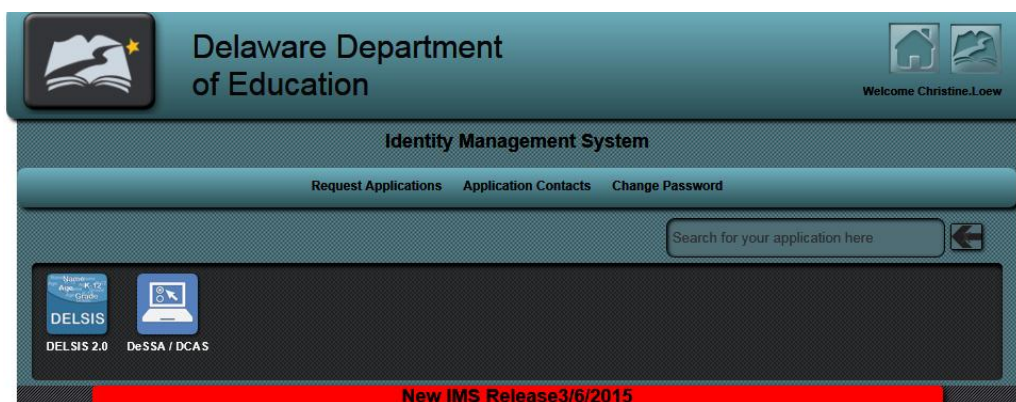
The **Data Entry Interface** allows authorized teachers to electronically record responses for student who tested with paper and pencil test booklets. **Note: Students must answer every question, they cannot leave blanks.**

All DCAS application sites, including the Data Entry Interface, are accessed through DDOE's Identity Management System (IMS) application.

1. Access the DDOE IMS login page at <https://login.doe.k12.de.us>. Use your regular IMS ID and password to log in.



2. After you have successfully logged into IMS, you will see a list of applications available to you, including DeSSA/DCAS.
  - Click the **[DeSSA/DCAS]** button from the IMS menu. You will be directed to the DCAS portal.



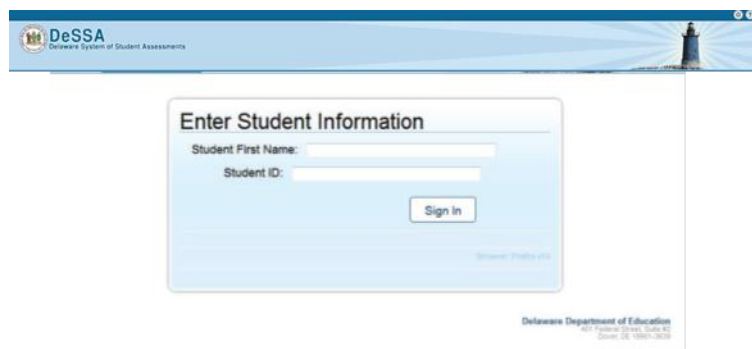
3. Click either the **[DCAS Science, Social Studies and EOC]** button to access DCAS applications.



4. Click the **[Data Entry Interface]** button. If you are authorized to access this application, you will be automatically directed to the Data Entry Interface home page. You will not have to log in again.



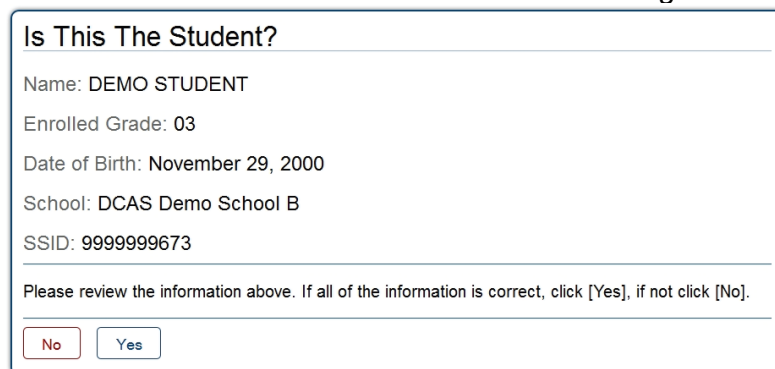
5. Enter the student's legal First Name and corresponding SSID, and then click **[Sign In]**.
6. Verify the student's information and the test for which responses are being entered.


 A screenshot of the DeSSA web application's sign-in page. The header includes the DeSSA logo and the text "Delaware System of Student Assessments". The main content area is titled "Enter Student Information" and contains two input fields: "Student First Name:" and "Student ID:". Below these fields is a "Sign In" button. At the bottom right, there is a link that says "Forgot Your ID?". The footer of the page reads "Delaware Department of Education" and "401 Pennington Avenue, Suite 402, Dover, DE 19901-3828".

**Note: Firefox is required to use this site.**

***Is This The Student?*** – Verify the student's personal information (Enrolled Grade, Birth date, School and SSID).

### *Login Process*



 A screenshot of a confirmation form titled "Is This The Student?". The form lists the following information: Name: DEMO STUDENT, Enrolled Grade: 03, Date of Birth: November 29, 2000, School: DCAS Demo School B, and SSID: 9999999673. Below this information, a line of text reads: "Please review the information above. If all of the information is correct, click [Yes], if not click [No].". At the bottom of the form are two buttons: "No" (with a red border) and "Yes" (with a blue border).



**Tests For This Student** – Select the test for which you are entering the student's responses.

### Tests For This Student

Choose a test:

| Test Name                        | Opportunities* | Action   |
|----------------------------------|----------------|--|
| Spring – Grade 5 Science (paper) | 1/4            | Start Data Entry  |

\*This is the test opportunity you will work on when you select this test.







[Back to login](#)

## Test Layout and Tools

Proceed to enter your student's responses. Use the **[Next]** button to navigate. Use the **[Pause]** button if you need to stop entering responses. **NOTE: Do not break for more than 30 minutes as your second reviewer will be unable to view your answers.**

Click to view list of items. Marked items will have a flag. Select item page to review.

Questions: 5 DCAS – Science Grade 8 (5 out of 30) Demo Student A (Student ID: 9999999001)


Toggle between task pages  
 Done Entering Data button (Click after you have entered all responses)  
 Pause test  
 Zoom in/out buttons (zoom in to enlarge text size; zoom out to reduce text size)

The End Test screen will appear. Select **[Review My Answers]**.

### Congratulations, you have reached the end of the test!

You may now go back and review your answers, or click [Submit Test] if you are finished with this test. You cannot change your answers after you submit your test.

1 - 4  
5  
6  
7  
8



[Review My Answers](#)
[Submit Test](#)

Either a second reviewer or you should review your response entries. **NOTE: This must be done within 45 minutes or the responses cannot be reviewed.**

- Select an item from the list and then click **[Review My Answers]**.
- While reviewing the scores, the **[End Test]** button will remain on the screen.
- To return at any time to the End Test screen and submit the test for scoring, click the **[End Test]** button again.

To complete the testing process, click **[Submit Test]**.

**Congratulations, you have reached the end of the test!**

You may now go back and review your answers, or click **[Submit Test]** if you are finished with this test. You cannot change your answers after you submit your test.

1 - 4  
5  
6  
7  
8

Review My Answers

Submit Test

The results screen will appear.

**Your Results**

Student Name: Kyle, Selina (Student ID: 9999999002)  
Test Name: EOC-Integrated Math III  
Data Entry Completed On: 1/20/2015

**Scale Score: 340**

**Performance Level: 1**

Click on **[Enter More Data]** to continue data entry for another student. Click on **[Enter More Data for this Student]** to return to the test entry screen if you are done entering data.

Log Out

Enter More Data for This Student

Enter Data for a Different Student

In accordance with the Family Educational Rights and Privacy Act (FERPA), the disclosure of personally identifiable information is prohibited by law.

August 2015

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## **Appendix J:**

# **DCAS Only Handheld Calculator Policy**

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## Appendix J: DCAS Only Handheld Calculator Policy

### Calculator Use and Restrictions Policy for End-Of-Course Mathematics tests

The following are **NOT** allowed for the DCAS EOC math Test:

- Non-calculators such as cell phones, PDAs, laptops, minicomputers, pocket organizers, etc.
- Calculators with built in Computer Algebra Systems – CAS.
- Programs/information stored in a calculator other than those that are factory installed.  
**Proctors must clear calculator memory both before and after each testing session.**
- Sharing calculators by students during a test session.
- Beaming capabilities. (These must be disabled.)
- Wireless communication technologies. Calculators having wireless communication technologies may be used if those technologies are disabled.
- Calculators with QWERTY keyboards or other typewriter-like keyboards or keypads (e.g. Dvorak).
- Calculators that make noise, have paper tape, need to be plugged in or talk unless these specific calculators are required as an accommodation.

**Note:** When using a **TI-Nspire calculator**, proctors must invoke the “**Press-to-Test**” mode at the beginning and end of each test session. This feature **temporarily disables** all flash applications and calculator files.

### **Allowed Calculators:**

- A scientific calculator
- A non-CAS graphing calculator, with memory cleared both **BEFORE** and **AFTER** each test session
- A non-CAS graphing calculator, enabled in **Press-to-Test** mode
- **TI-Nspire calculators without CAS** are allowed only in the following two cases:
  1. with the TI-84 Plus keypad and the memory cleared

**OR**

  2. with the TI-84 Plus keypad and enabled in Press-to Test mode

### **Calculator Memory Clearing**

Students with memory-enabled calculators are not allowed to bring stored examples into the exam, access programs during testing, or store the exam questions for later reference. For this reason, a graphing calculator must either:

- have its memory cleared both before and after each testing session, or
- be used in Press-to-Test mode. Proctors must invoke Press-to-Test mode at the beginning of each test session and exit Press-to-Test mode at the end of each test session.

Proctors are required to check calculators before the exam and disable any stored programs and applications on all calculators by either clearing the memory both before and after the exam or by invoking Press-to-Test mode. **Please be advised that clearing the calculator memory will delete stored programs or application; students should be told prior to the test day to store all data and software they wish to save on a computer or a calculator not being used for the test.**

If a calculator can neither have its memory cleared nor be enabled in press-to-Test mode prior to test administration, students are not permitted to use the calculator during the assessment.

**PLEASE NOTE:** Steps to clear most calculators may be found online, in the owner's manual for the calculator.

This is intended to be a general description of what is not allowed. It is not meant to be an exhaustive list of specific calculators, devices or technologies that can or cannot be used on the DCAS EOC mathematics Test. As technology changes this policy will be reviewed and may also change.